BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:Construction of RCC drains and culverts at Lakshmaiah Reddy Layout and surrounding area in ward No. 3

JOB NUMBER:003-20-000072

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Est. Amount = 150.00 Lakhs Rate in Rs.	Amount in Rs.
1	Removing and resetting of footpath slab								
	KPWD S.R 2018-19	It. No.	37.56		Pg.No.	270			
	RRS Cover Slab								
	Ch: 00-148 W0768	Cum	1	148.00	0.90		133.83		
						Total Qty	133.83	208.82	27,945.55
2	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	KPWD S.R 2018-19	It. No.	19.10		Pg.No.	143			
	Desilt of drain								
	Ch: 00-148 W0768		1	148.00	0.9	0.35	46.62		
	New CC drain								
	Ch: 00-210.4 Cross road		1	210.40	1.20	0.9	224.71		
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1	340.70	1.20	0.9	363.87		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		1	356.30	1.20	0.9	384.80		
	Ch: 00-96 W0777		1	96.00	1.20	0.9	103.68		
	Ch: 00-94 W0777		1	94.00	1.20	0.9	101.52		
	Ch: 00-88.6 W0783		1	88.60	1.20	0.9	95.69		
	Ch: 00-94.8 W0783		1	94.80	1.20	0.9	102.35		
	Ch: 00-48 W0795		1	48.00	1.20	0.9	51.84		
	Ch: 00-50 W0795		1	50.00	1.20	0.9	54.00		
	Ch: 00-110.3 6th cross	Cum	1	110.30	1.20	0.9	119.12		
	Ch: 00-116.1 6th cross		1	116.10	1.20	0.9	125.39		
	Ch: 00-112.2 W0779		1	112.20	1.20	0.9	121.28		
	Ch: 00-108.1 W0779		1	108.10	1.20	0.9	116.76		
	New Culvert								
	Cross roads		1	6.85	1.50	1.20	12.33		
						Total Qty	2023.96	211.79	428,650.44
3	KSRB M2900-1: Plain cement concrete M10 mix with crushed stone aggregates 40mm and down size graded granite metal coarse aggregates mechanically mixed, thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.								
	KPWD S.R 2018-19	It. No.	4.20		Pg.No.	13			
	New Culvert								
	cross roads		1	6.85	1.50	0.15	1.54		
	New Kerb PCC								
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1	340.70	0.30	0.10	10.22		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		1	356.30	0.30	0.10	10.69		
	New CC drain								
	Ch: 00-210.4 Cross road		1	210.40	1.10	0.15	34.72		
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1	340.70	1.10	0.15	56.22		
	Ch: 00-356.3 Lakshmaiah reddy layout main road	Cum	1	356.30	1.18	0.15	63.07		

	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
	Ch: 00-96 W0777		1	96.00	1.10	0.15	15.84		
	Ch: 00-94 W0777		1	94.00	1.10	0.15	15.51		
	Ch: 00-88.6 W0783		1	88.60	1.10	0.15	14.62		
	Ch: 00-94.8 W0783		1	94.80	1.10	0.15	15.64		
	Ch: 00-48 W0795		1	48.00	1.10	0.15	7.92		
	Ch: 00-50 W0795		1	50.00	1.10	0.15	8.25		
	Ch: 00-110.3 6th cross		1	110.30	1.10	0.15	18.20		
	Ch: 00-116.1 6th cross		1	116.10	1.11	0.15	19.39		
	Ch: 00-112.2 W0779		0	112.20	1.11	0.15	0.00		
	Ch: 00-108.1 W0779		1	108.10	1.11	0.15	18.05		
						Total Qty	309.88	4479.66	1,388,126.05
4	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200								
	KPWD S.R 2018-19	It. No.		28.8.2		Pg.No.	229		
	CC drain (60kg)		1	35.89			35.89		
	Culvert (90kg)	T	1	0.62			0.62		
						Total Qty	36.51	72326.98	2,640,658.04
5	Providing and laying plain/Ready mixed Cement concrete M-20 cement concrete for side darins wall and bottom thickness 15cm using M-20 nominal mix concrete with OPC @ 300 Kgs with 29mm and downsize granite metal course aggregates at 0.69 cum and fine aggregate @0.43cum machine mixed well compacted for walls and bottom including centering shuttering cost of materials HOM of machinery curing etc complete excluding cost of steel as per morth specification No. 500 1700 2200 including cost of materials labour								
	KPWD S.R 2018-19	It. No.		4.49.3		Pg.No.	19		
	New Culvert / Drain								
			1	1	6.85	1.40	0.25	2.40		
			1	2	6.85	0.25	0.45	1.54		
	New CC drain								
	sidewall								
	Ch: 00-210.4 Cross road		2		210.40	0.70	0.15	44.18		
	Ch: 00-340.7 Lakshmaiah reddy layout main road		2		340.70	0.70	0.15	71.55		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		2		356.30	0.70	0.15	74.82		
	Ch: 00-96 W0777		2		96.00	0.70	0.15	20.16		
	Ch: 00-94 W0777		2		94.00	0.70	0.15	19.74		
	Ch: 00-88.6 W0783		2		88.60	0.70	0.15	18.61		
	Ch: 00-94.8 W0783		2		94.80	0.70	0.15	19.91		
	Ch: 00-48 W0795		2		48.00	0.70	0.15	10.08		
	Ch: 00-50 W0795		2		50.00	0.70	0.15	10.50		
	Ch: 00-110.3 6th cross		2		110.30	0.70	0.15	23.16		
	Ch: 00-116.1 6th cross		2		116.10	0.70	0.15	24.38		
	Ch: 00-112.2 W0779	Cum	1		112.20	0.70	0.15	11.78		
	Ch: 00-108.1 W0779		0		108.10	0.70	0.15	0.00		
	bottom slab									
	Ch: 00-210.4 Cross road		1		210.40	0.15	1.00	31.56		
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1		340.70	0.15	1.00	51.11		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		1		356.30	0.15	1.00	53.45		
	Ch: 00-96 W0777		1		96.00	0.15	1.00	14.40		
	Ch: 00-94 W0777		1		94.00	0.15	1.00	14.10		
	Ch: 00-88.6 W0783		1		88.60	0.15	1.00	13.29		
	Ch: 00-94.8 W0783		1		94.80	0.15	0.90	12.80		
	Ch: 00-48 W0795		1		48.00	0.15	0.85	6.11		
	Ch: 00-50 W0795		1		50.00	0.15	0.90	6.75		
	Ch: 00-110.3 6th cross		1		110.30	0.15	0.90	14.89		
	Ch: 00-116.1 6th cross		1		116.10	0.15	0.90	15.67		
	Ch: 00-112.2 W0779		1		112.20	0.15	0.90	15.15		
	Ch: 00-108.1 W0779		0		108.10	0.15	0.90	0.00		
							Total Qty	602.09	7070.20	4,256,896.72

	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of cost of all materials(data Rate enclosed)								
	Approved Rate								
	Ch: 00-210.4 Cross road	Sqm	1	210.40		0.90	189.36		
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1	340.70		0.90	306.63		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		1	356.30		0.90	320.67		
	Ch: 00-96 W0777		1	96.00		0.90	86.40		
	Ch: 00-94 W0777		1	94.00		0.90	84.60		
	Ch: 00-88.6 W0783		1	88.60		0.90	79.74		
	Ch: 00-94.8 W0783		1	94.80		0.90	85.32		
	Ch: 00-48 W0795		1	48.00		0.90	43.20		
	Ch: 00-50 W0795		1	50.00		0.90	45.10		
	Ch: 00-110.3 6th cross		1	110.30		0.91	100.37		
						Total Qty	1341.39	2337.00	3,134,828.43
7	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)								
	Approved Rate								
	New Culvert / Drain	Sqm	1	6.85	1.23		8.40		
						Total Qty	8.40	5418.00	45,511.20
8	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.								
	KPWD S.R 2018-19	It. No.	5.29.1	Pg.No.	27				
	New Kerb for Damaged Portion (mts/kerb length=no's of kerb)	Nos							
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1	735.00			735.00		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		1	792.00			792.00		
						Total Qty	1527.00	477.00	728,379.00
9	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8								
	KPWD S.R 2018-19	It. No.	24.10	Pg.No.	180				
	Painting for Kerb	Sqm							
	Ch: 00-340.7 Lakshmaiah reddy layout main road		1	340.70		0.30	102.21		
	Ch: 00-356.3 Lakshmaiah reddy layout main road		1	356.30		0.29	103.89		
						Total Qty	206.10	84.80	17,477.28
								Total Construtions cost	12,668,472.71
								GST 12%	1,520,216.73
								KRIDL 4%	506,738.91
								Design Report,Proof Checking & PMC Amount	300,000.00

... RCC Drains and Culverts at Lakshmaiah reddy layout, Naidu layout and surrounding area in ward no 03 Yelahanka Satellite Town sub Division

Sl. No	Description of Work	Unit	No	Dimension			Quantity	Rate	Amount
				L	B	D		In Rs.	in Rs.
								Sub Total	149,96,152.97
								Miscellaneous & Rounding Off	3,847.03
								Grand Total	150,00,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2018-19
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS BANGALORE-90

Consultant
For Sri Sai Consultants

Assistant Engineer
Ward no. 03
BBMP - Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP - Bangalore

Executive Engineer
Yelahanka Division
BBMP - Bangalore

Administrative Sanction for Rs. 150.00 lakhs
one crore fifty lakhs
only
is accorded under head P-3749
CM Navanagarothana 110-Village
grants Annexure-07
Registered as CE No. ..... Subject
to conditions contained therein
No. EE/YNK/ST/2019-20 dt. 7/11/2019

Executive Engineer

Technical Sanction
Accorded For RS 150.00 lakhs
Head of A/C P-3749
CER NO : 199 DOS 11.20

JA CE (YNK)